

Claims

- [c1] 1. A tracer gas bag for a stator bar leak test comprising a polymer sheet having four marginal edges, each covered with a strip of tape with exposed adhesive thereon.
- [c2] 2. The tracer gas bag of claim 1 wherein said double-sided adhesive tape comprises an acrylic adhesive on a polypropylene substrate.
- [c3] 3. The tracer gas bag of claim 1 wherein the polymer sheets comprises a polyvinyl chloride film.
- [c4] 4. The tracer gas bag of claim 1 wherein said double-sided adhesive tape has a width of about two inches.
- [c5] 5. The tracer gas bag of claim 1 wherein said polymer sheet has a thickness of about 8 mil.
- [c6] 6. The tracer gas bag of claim 5 wherein said polymer sheets have a length of about 24–36 inches and a width of about 12–18 inches.
- [c7] 7. The tracer bag of claim 1 wherein said two-sided adhesive tape comprises an acrylic adhesive in a polypropylene substrate and the polymer sheets comprise a polyvinyl chloride film.

[c8] 8. A tracer gas bag for a stator bar leak test comprising a polymer sheet having four marginal edges, each covered with a strip of tape with exposed adhesive thereon; wherein said polymer sheets have a length of about 24–36 inches and a width of about 12–18 inches; and wherein said double–sided adhesive tape has a width of about two inches; and further wherein said polymer sheet has a thickness of about 8 mil.

[c9] 9. A method of constructing a tracer gas bag for a stator bar leak test comprising:

- a) providing a pre–cut, flexible poly sheet for forming first and second faces of the gas bag;
- b) applying a double sided adhesive tape along four marginal edges of said sheet; and
- c) folding said sheet about at least one stator bar end and sealing said marginal edges to portions of said at least one stator bar end and portions to each other, utilizing said strips of adhesive tape.

[c10] 10. The method of claim 9 wherein said two–sided adhesive tape comprises an acrylic adhesive on a polypropylene substrate.

[c11] 11. The method of claim 9 wherein the polymer sheets comprise a polyvinyl chloride film.

- [c12] 12. The method of claim 9 wherein said two-sided adhesive tape has a width of about two inches.
- [c13] 13. The method of claim 9 wherein said polymer sheet has a thickness of about 8 mil.
- [c14] 14. The method of claim 13 wherein said polymer sheets have a length of about 24–36 inches and a width of about 12–18 inches.
- [c15] 15. The method of claim 9 wherein said two-sided adhesive tape comprises an acrylic adhesive in a polypropylene substrate and the polymer sheets comprise a polyvinyl chloride film.